

APR 14 2003

K030362

# 510(k) Summary

## SUBMITTED ON BEHALF OF:

Company Name: Leonhard Lang GmbH  
Address: Archenweg 56  
6010 Innsbruck  
Austria  
  
Telephone: ++ 43 / 512 / 33 4 25 7  
Fax: ++ 43 / 512 / 39 22 10

by: Elaine Duncan, MS.M.E., RAC  
President, Paladin Medical, Inc.  
PO Box 560  
Stillwater, MN 55082  
Telephone: 715-549-6035  
Fax: 715-549-5380

## CONTACT PERSON:

Elaine Duncan

## DATE PREPARED:

January 30, 2003

Trade Name: Skintact® Cool Contact Electrosurgical Grounding Plates  
Common Name: Electrosurgical Grounding Plates  
Classification Name: Electrosurgical Grounding Plates

**SUBSTANTIALLY EQUIVALENT TO:** Skintact® Cool Contact Electrosurgical Grounding Plates are equivalent to the materials of construction and gel used in the ERBE Disposable Patient Return Electrode cleared via 510(k) [K972269] and produced by Leonhard Lang, GmbH. However the Skintact® Electrosurgical Grounding Plates have a different geometry and area. This area and geometry is equivalent to that found with Nikopad Electrosurgical grounding plates, previously cleared by FDA (K993306.) Based upon these similar features and conformance with the recognized standard ANSI/AAMI HF 18:2001, the Leonhard Lang Skintact® Electrosurgical Grounding Plates are substantially equivalent.

**DESCRIPTION of the DEVICE:** Skintact® Cool Contact Electrosurgical Grounding Plates (*and as also to be offered for sale under various private label tradenames*) are self-adhesive, non-sterile, single use disposable electrodes, available in a comprehensive range of shapes and sizes (adult and pediatric), standard and split, with or without lead wires.

**INDICATIONS FOR USE:** Skintact® Cool Contact Electrosurgical Grounding Plates are designed for use with electrosurgical generators for cutting and coagulation of human tissue.

**SUMMARY of TESTING:** Biocompatibility testing confirms the materials are biocompatible and do not introduce any risks. The following testing showed no adverse results: Cytotoxicity; Skin Irritation; Sensitization.. The ANSI/AAMI HF 18:2001 "Electrosurgical devices" was used to define the requirements for Skintact® Cool Contact Electrosurgical Grounding Plates. All performance and safety tests are according to ANSI/AAMI HF 18:2001 and were conducted by TÜV Product Service GmbH, Zertifizierstelle, Ridlerstraße 65, 80339 München, Germany. A certification to conformance ANSI/AAMI HF 18:2001 with this standard has been provided. The testing conducted was: Maximum safe temperature rise; Electrode contact impedance; Electrode adherence: Pull test, Conformability test, Fluid tolerance test. All Skintact® Grounding Plates are packaged in water-vapor-proofed, heat-sealed, non-transparent, aluminized pouches. Leonhard Lang has 20 years of experience with this packaging and has met requirements for 24 months shelf-life. No differences were required for packaging the Skintact® Cool Contact Electrosurgical Grounding Plates compared to the predicate device.

Abbreviated 510(k): Skintact® Cool Contact Electrosurgical Grounding Plates



Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

APR 14 2003

Leonhard Lang GmbH  
c/o Ms. Elaine Duncan, M.S.M.E., RAC  
President  
Paladin Medical, Inc.  
P.O. Box 560  
Stillwater, Minnesota 55082

Re: K030362

Trade/Device Name: Skintact® Cool Contact Electrosurgical Grounding Plates  
Regulation Number: 21 CFR 878.4400  
Regulation Names: Electrosurgical cutting and coagulation device and accessories  
Regulatory Class: II  
Product Codes: GEI  
Dated: January 30, 2003  
Received: February 3, 2003

Dear Ms. Duncan:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

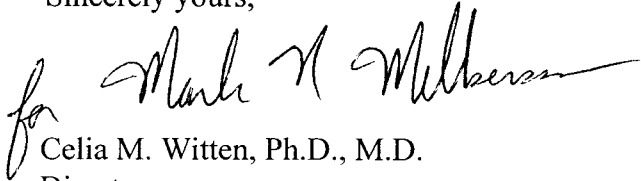
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (301) 594-4659. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97) you may obtain. Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>

Sincerely yours,

A handwritten signature in black ink, appearing to read "for Celia M. Witten". The signature is written in a cursive, flowing style.

Celia M. Witten, Ph.D., M.D.  
Director  
Division of General, Restorative  
and Neurological Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

510(k) Number (if known) K030362

Device Name: Skintact® Cool Contact Electrosurgical Grounding Plates

**Indications for Use:**

**Skintact® Cool Contact Electrosurgical Grounding Plates are designed for use with electrosurgical generators for cutting and coagulation of human tissue.**

**(Please Do Not Write Below This Line-Continue On Another Page If Needed)**

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use ✓

OR

Over-The-Counter Use \_\_\_\_\_

(Optional Format 1-2-96)

*for Mark A. Miller*  
\_\_\_\_\_  
(Division Sign-Off)

Division of General, Restorative  
and Neurological Devices

510(k) Number K030362